

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
Bernd EHRENBURG and Matthias WERNICKE Conf. No.: 6701

Application No.: 09/624,731 Group Art Unit: 2128

Filed: July 25, 2000 Examiner: FREJD, RUSSELL W.

Patent No. US 6,879,941 B1

Date of Patent: April 12, 2005

For: PROCESS FOR PRODUCING A CONDUCTOR COMPRISING AT  
LEAST ONE CABLE BUNDLE

Attorney Docket No.: 3926.009

Customer Number: 000041288

Certificate  
MAY 13 2005  
of Correction

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
PURSUANT TO 37 CFR 1.323

Mail Stop Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. Attached in duplicate is Form PTO-1050 with at least one copy being suitable for printing.
2. The exact page and line number where the error occurs in the application is:
3. (73) Assignee:

DaimlerChrysler, AG (DE)

05/12/2005 AWONDAF1 00000129 160877 6879941

01 FC:1811 100.00 DA

MAY 16 2005

should read as:

(73) Assignee:

Avanion GMBH, (DE)

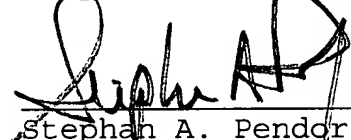
Attached herewith is a copy of the first page of the Patent dated April 12, 2005.

Should there still be the fee of \$100.00, it is to charged to Deposit Account No. 16-0877.

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Stephan A. Pendorf  
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Respectfully submitted,

  
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Date: **May 9, 2005**

U.S. Patent Application No. 09/624,731

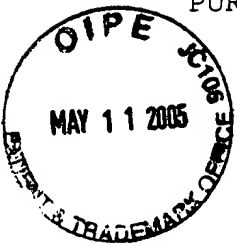
Patent No.: US 6,879,941 B1

Date of Patent: April 12, 2005

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT

PURSUANT TO 37 CFR 1.323

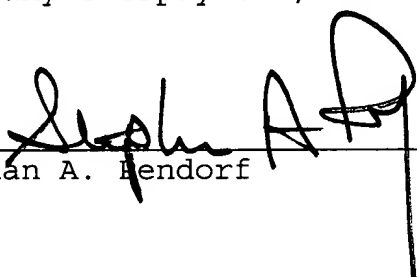
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CERTIFICATE OF MAILING AND AUTHORIZATION TO CHARGE

I hereby certify that the foregoing REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT PURSUANT TO 37 CFR 1.323 for U.S. Application No. 09/624,731, filed July 25, 2000, was deposited in first class U.S. Mail, postage prepaid, Mail Stop Certificate of Corrections Branch, P.O. Box 1450, Alexandria, VA 22313-1450 on May 9, 2005.

The Commissioner is hereby authorized to charge any additional fees which may be required at any time during the prosecution of this application without specific authorization or credit any overpayment, to Deposit Account No. 16-0877.

  
\_\_\_\_\_  
Stephan A. Bendorf

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6879941

DATED : April 12, 2005

INVENTOR(S) : Bernd EHRENBERG and Matthias WERNICKE

It is certified that error appears in the above-identified patent and that said Letters Patent  
is hereby corrected as shown below:

(73) Assignee:  
Avanion GMBH, (DE)

MAILING ADDRESS OF SENDER:

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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(12) **United States Patent**  
**Ehrenberg et al.**

(10) **Patent No.:** **US 6,879,941 B1**  
(45) **Date of Patent:** **Apr. 12, 2005**

(54) **PROCESS FOR PRODUCING A  
CONDUCTOR COMPRISING AT LEAST ONE  
CABLE BUNDLE**

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(73) **Assignee:** **DaimlerChrysler, AG (DE)**

(\*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 816 days.

(21) **Appl. No.:** **09/624,731**

(22) **Filed:** **Jul. 25, 2000**

(30) **Foreign Application Priority Data**

Jul. 28, 1999 (DE) ..... 199 35 422

(51) **Int. Cl.<sup>7</sup>** ..... **G06F 17/50**

(52) **U.S. Cl.** ..... **703/1; 52/741.1; 123/195 A;  
174/68.1; 361/826**

(58) **Field of Search** ..... **703/1; 52/741.1;  
174/86; 123/41.01, 195 A; 361/826**

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(57) **ABSTRACT**

A process for designing a cable wiring path, or producing a cable interconnection layout in the form of one or more cable bundles is proposed, wherein electrical, electromagnetic and mechanical incompatibles of proposed changes can be detected early and overcome as necessary, in certain cases by multiple iterative checking and changing of transmission line paths within a mechanical structure. By data exchange between specialized programs for mechanical characteristics on the one hand and electrical characteristics on the other hand and, in certain cases, multiple data dialogs, a cable harness in the form of one or more cable bundles can be designed in short time taking into consideration the two very different types of requirements.

**25 Claims, 2 Drawing Sheets**

